

FIG. 1

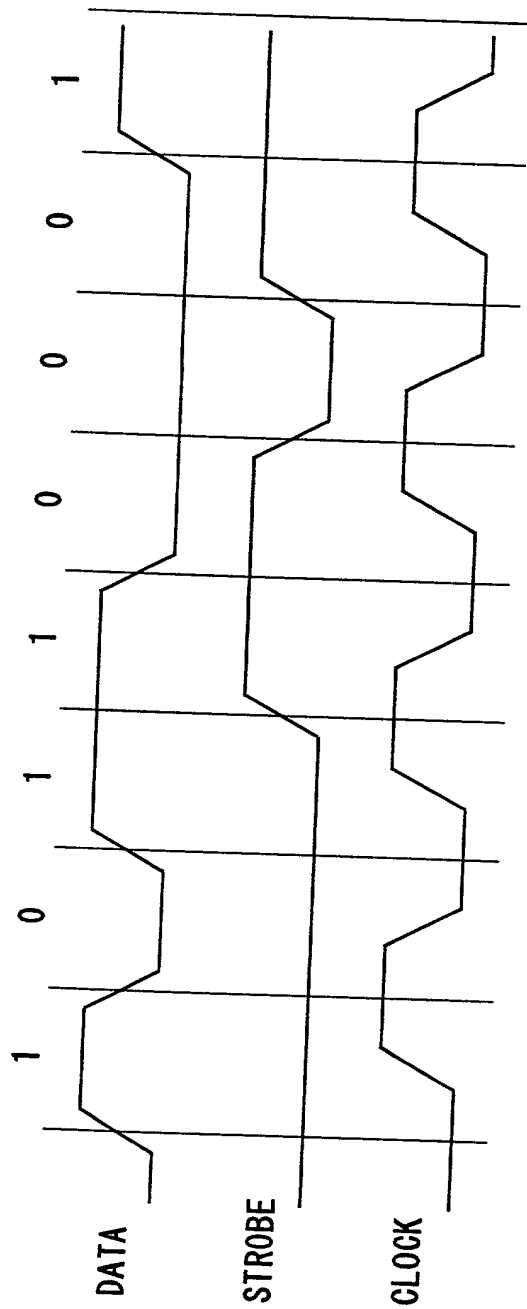


FIG. 2

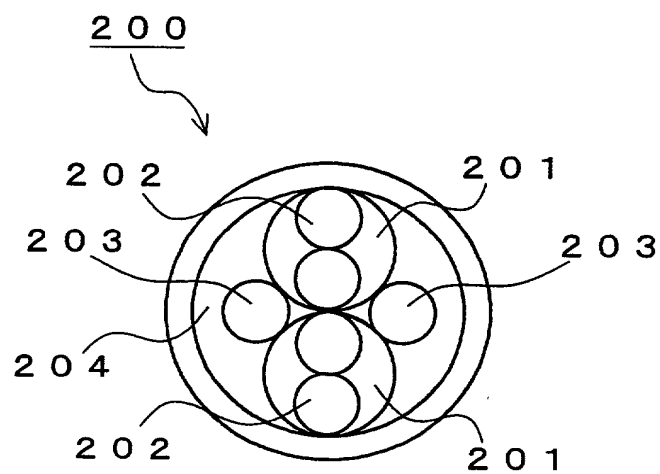


FIG. 3A
(BUS INITIALIZATION)

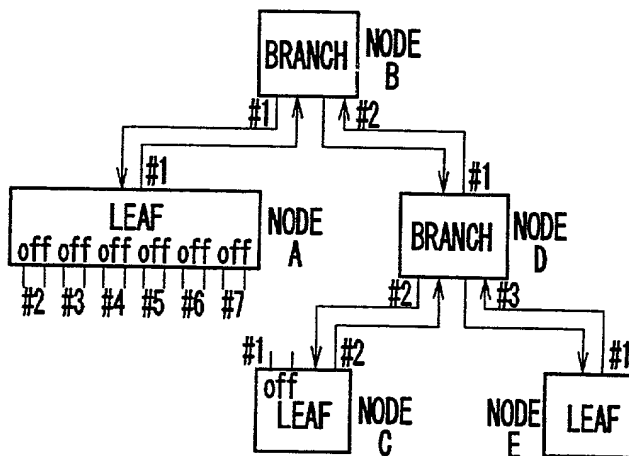


FIG. 3B
(TREE IDENTIFICATION)

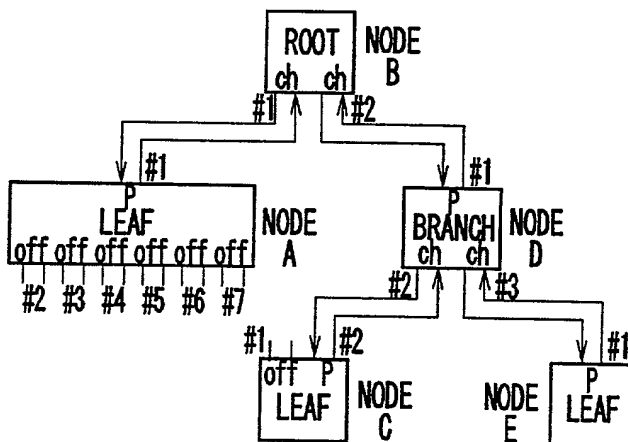


FIG. 3C
(SELF IDENTIFICATION)

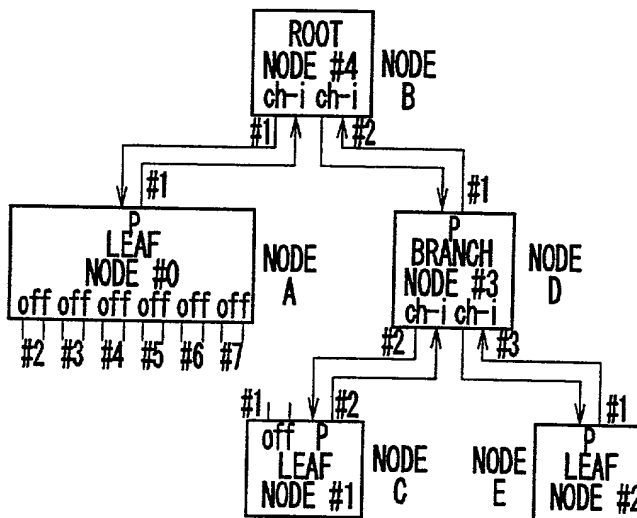


FIG. 4

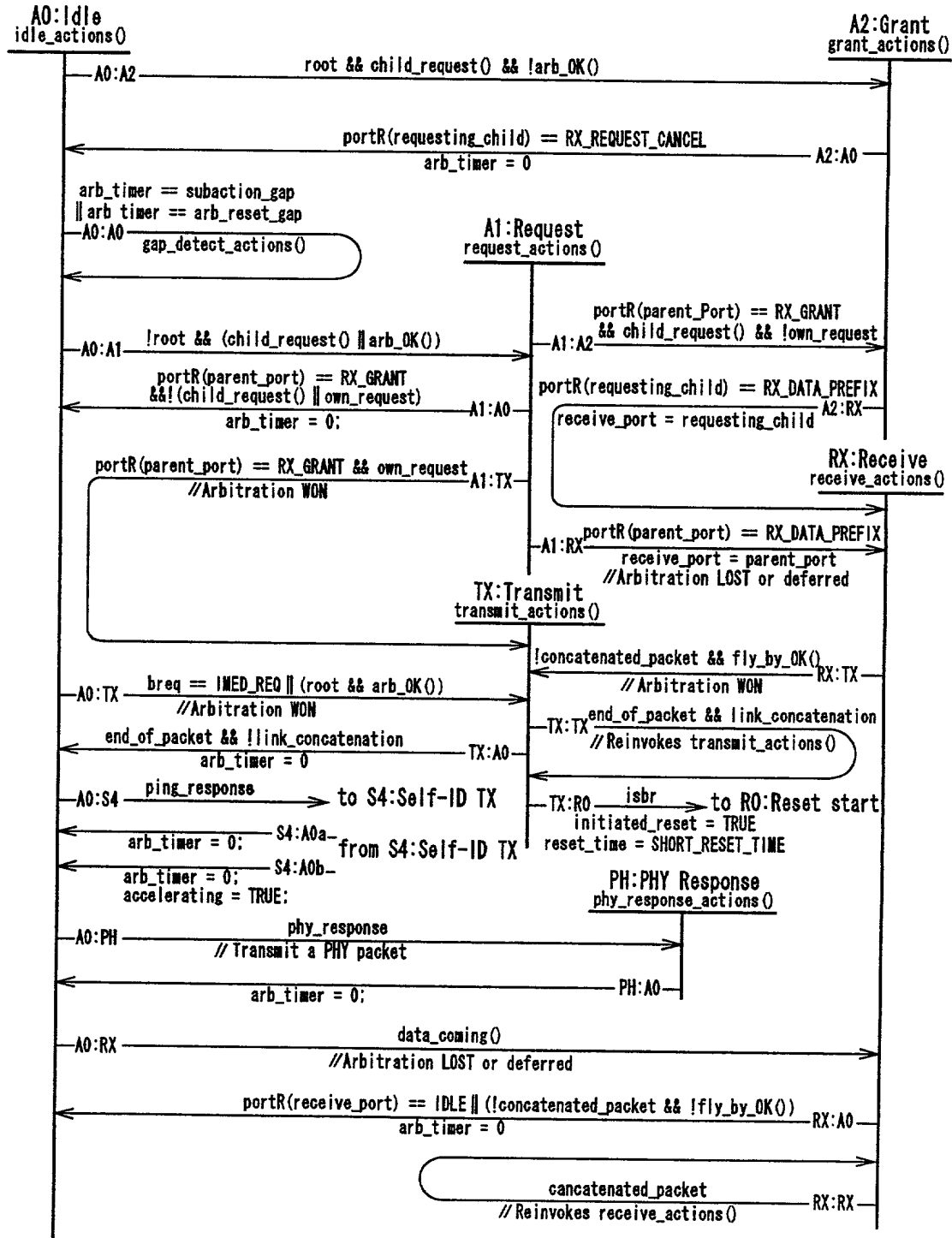


FIG. 5

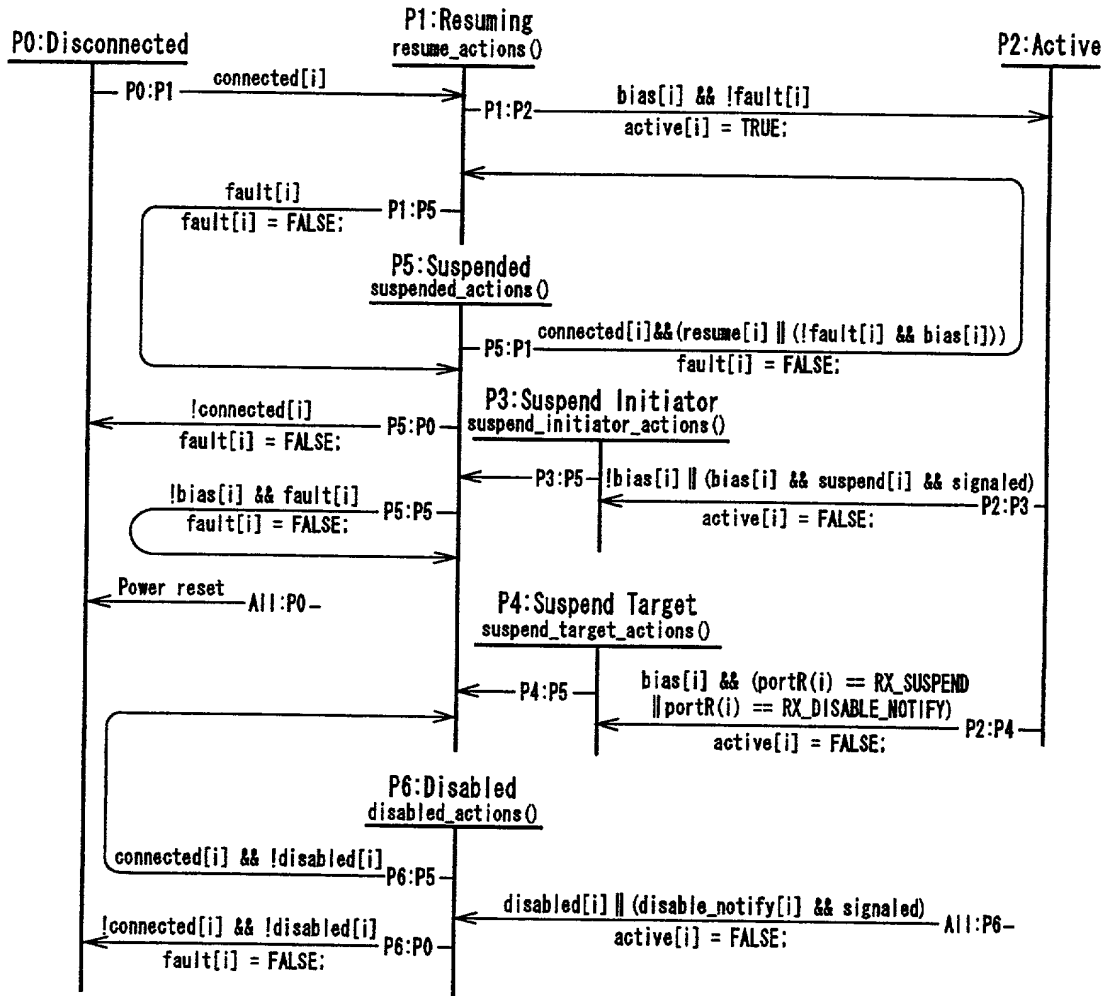


FIG. 6A

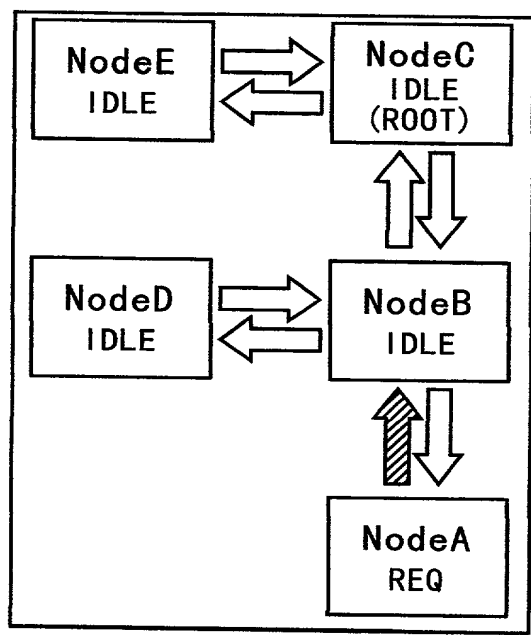


FIG. 6B

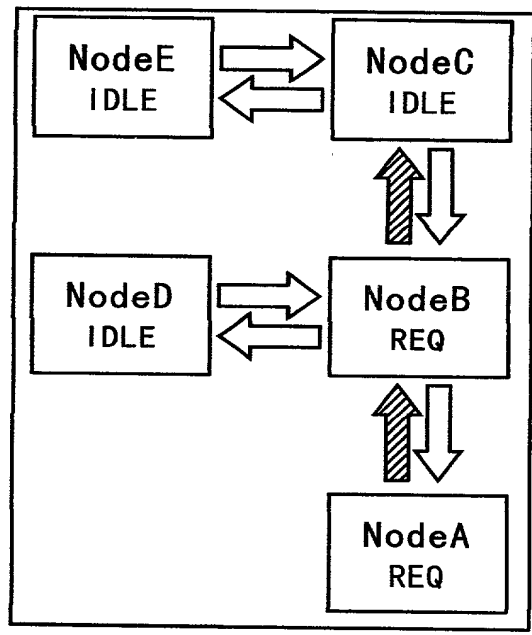


FIG. 6C

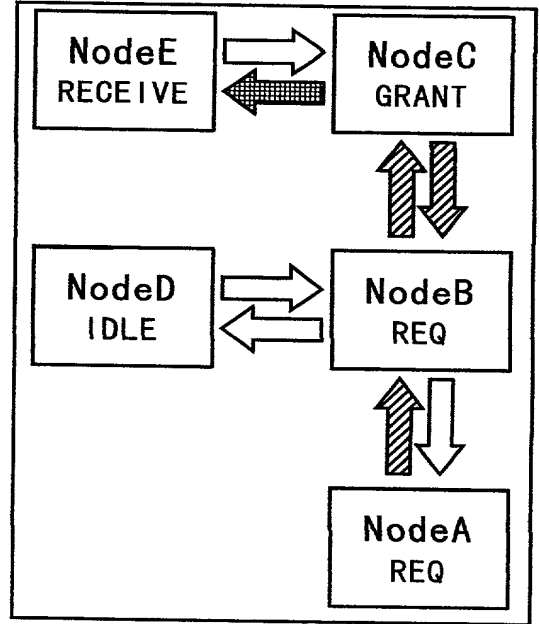


FIG. 6D

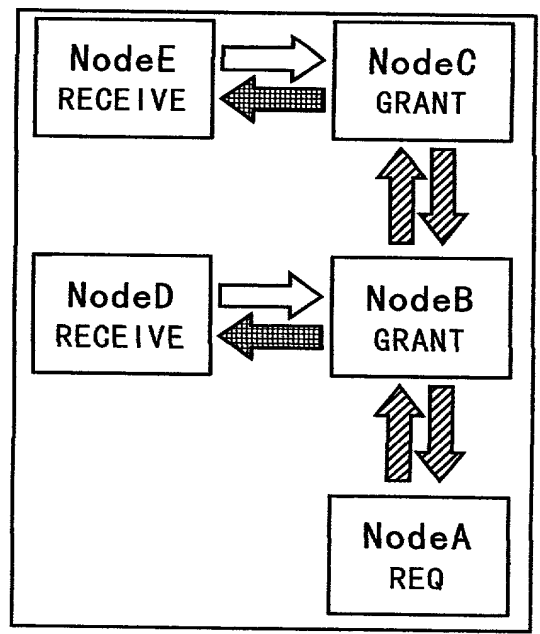


FIG. 7A

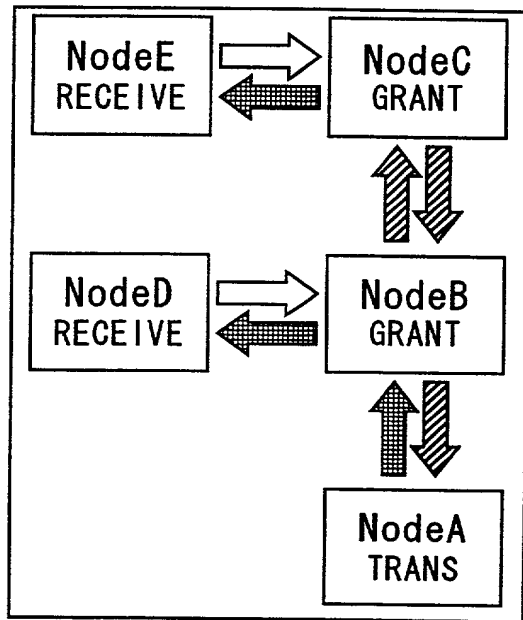


FIG. 7B

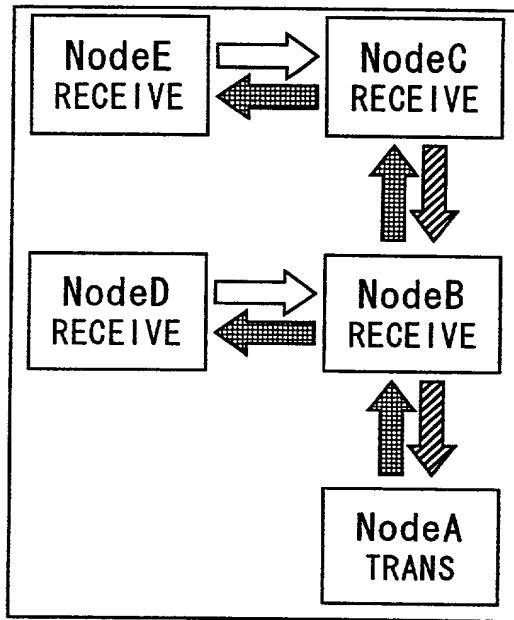


FIG. 7C

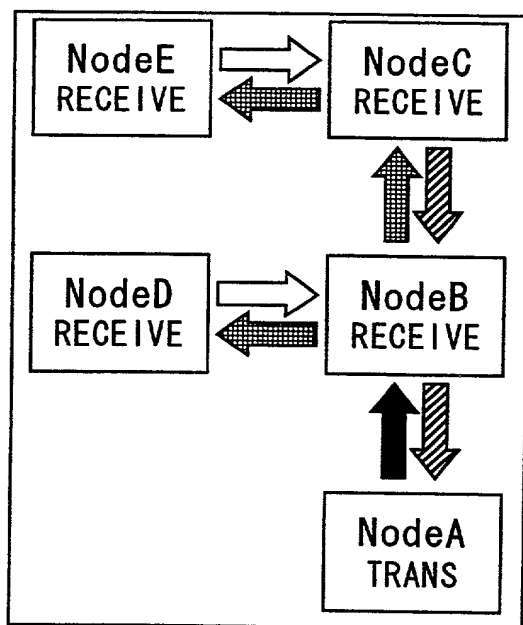


FIG. 7D

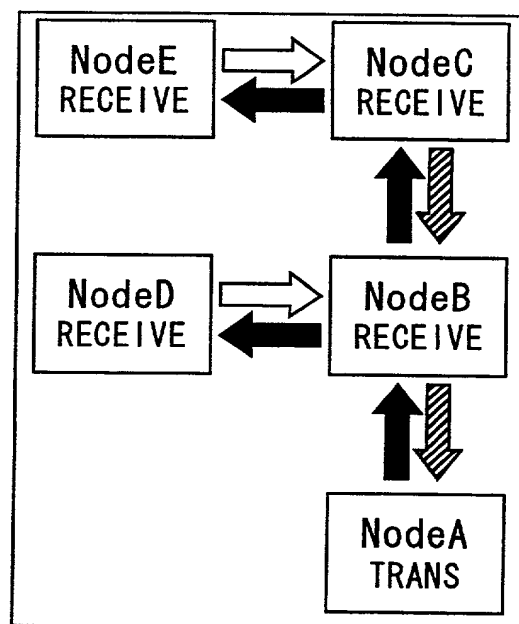


FIG. 8A

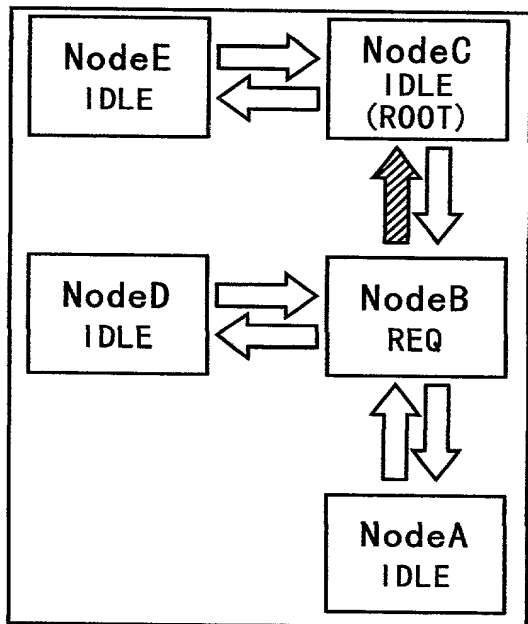


FIG. 8B

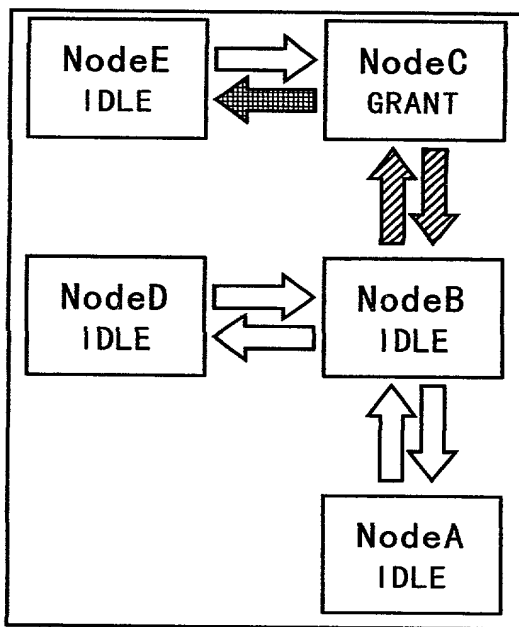


FIG. 8C

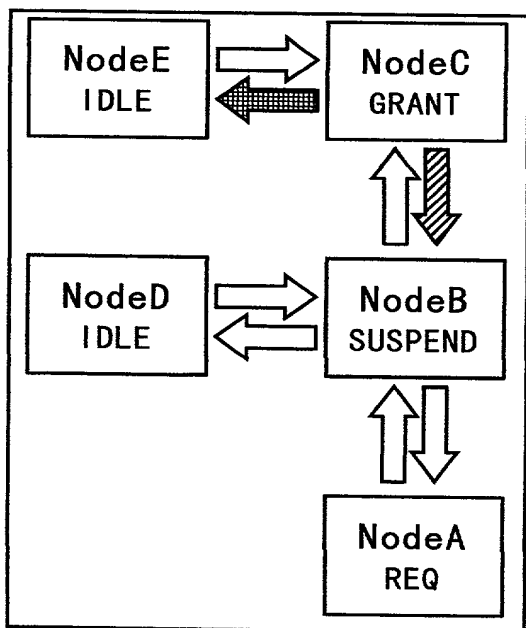


FIG. 9A

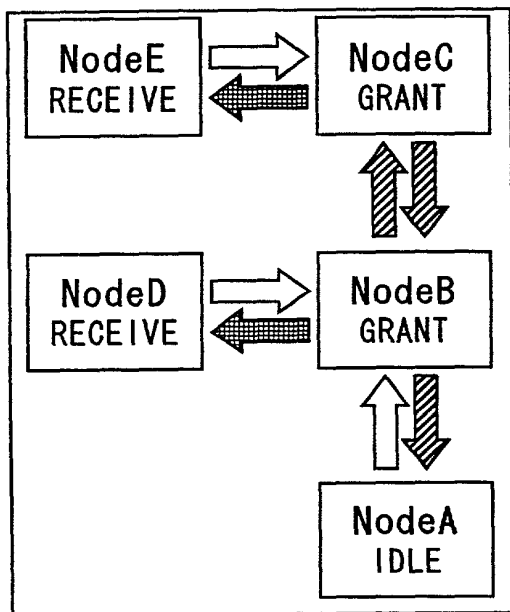


FIG. 9B

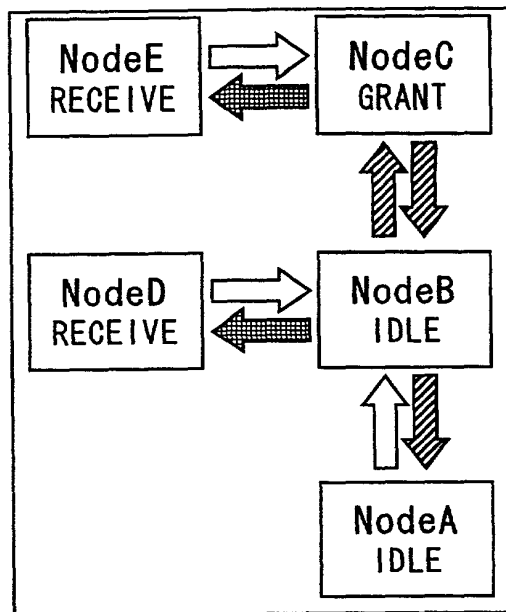


FIG. 9C

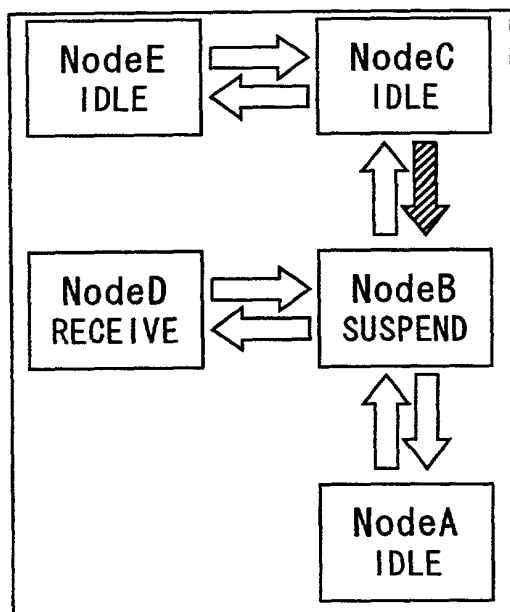


FIG. 10

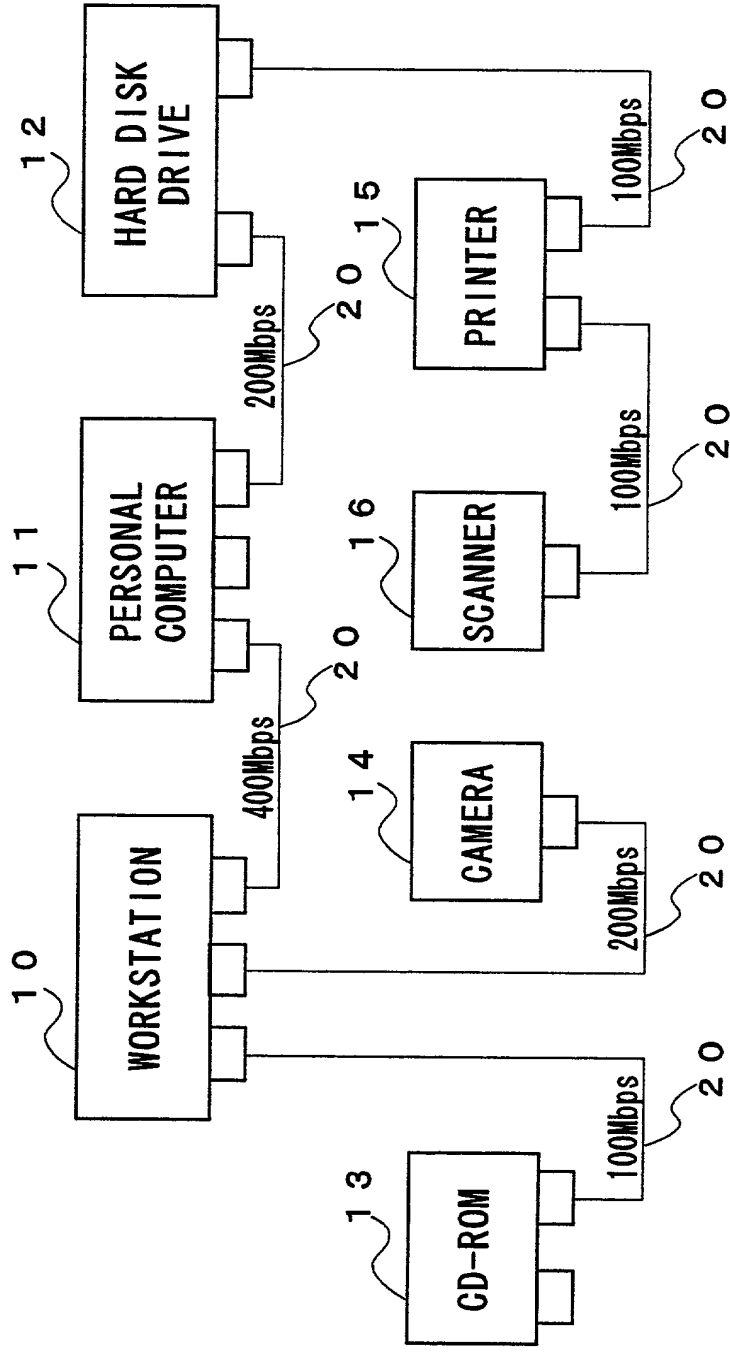


FIG. 11

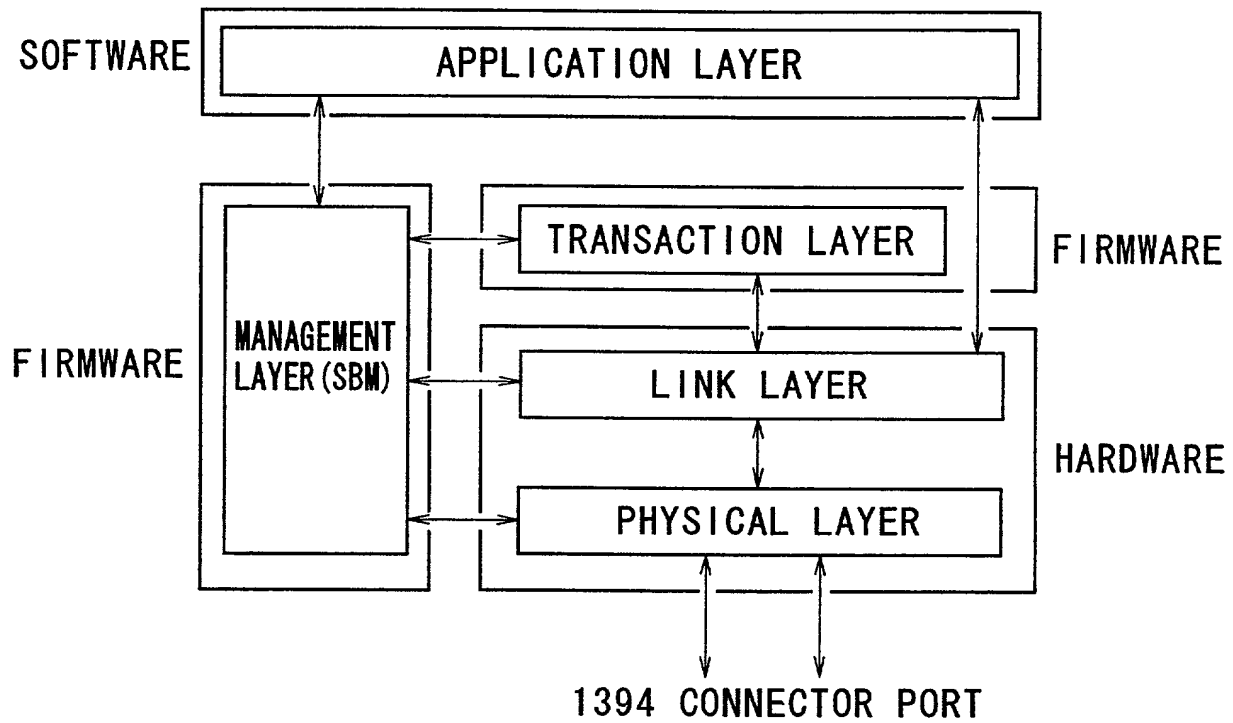


FIG. 12

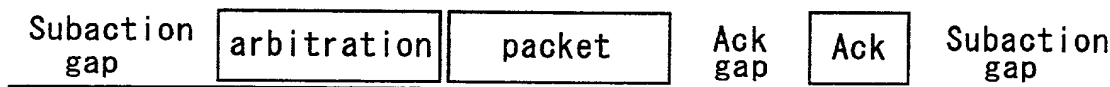


FIG. 13A

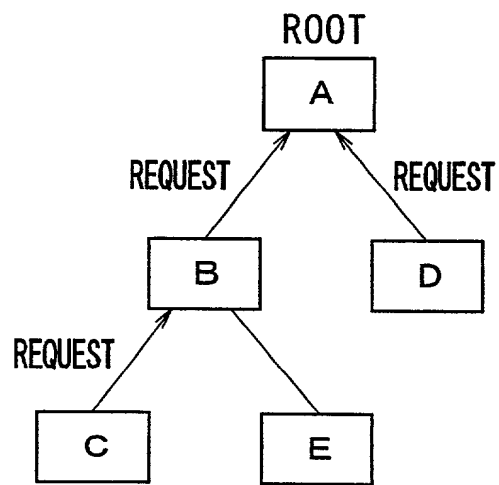


FIG. 13B

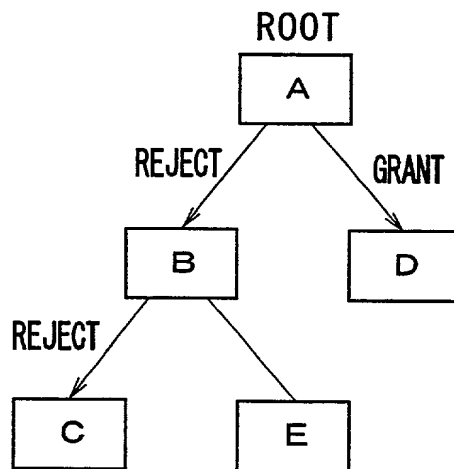


FIG. 14

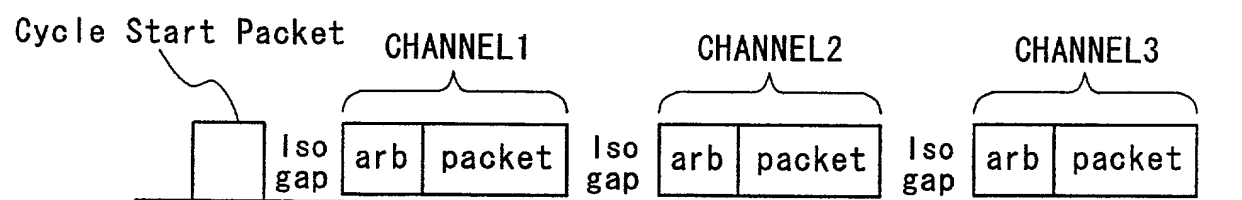
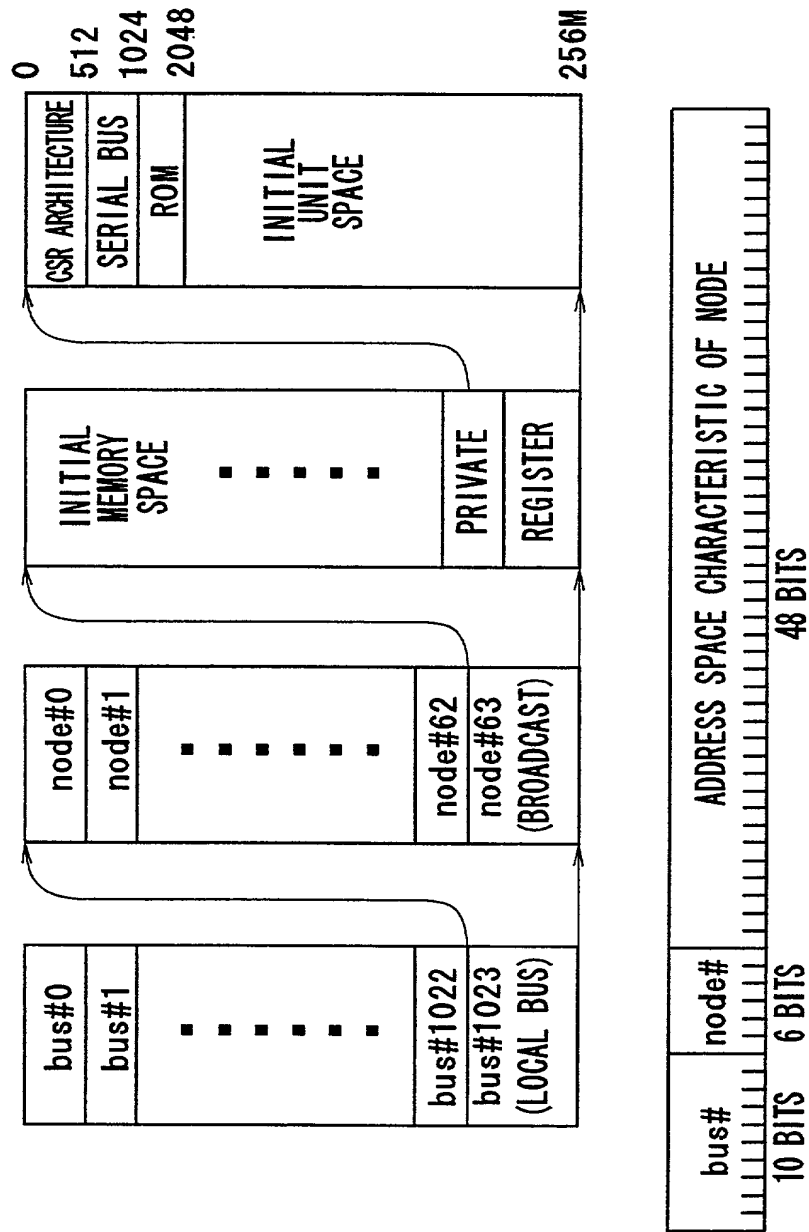


FIG. 15



F I G. 1 6

OFFSETS	NAMES	FUNCTIONS
000h	STATE_CLEAR	STATE AND CONTROL INFORMATION
004h	STATE_SET	SET STATE_CLEAR BIT
008h	NODE_IDS	INDICATE 16-BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	PRESCRIBE MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	PRESCRIBE LIMIT OF RETRY
21Ch	BUS_MANAGER	INDICATE BUS MANAGER ID
220h	BANDWIDTH_AVAILABLE	INDICATE BANDWIDTH THAT CAN BE ASSIGNED TO ISOCHRONOUS COMMUNICATION
224h-228h	CHANNELS_AVAILABLE	INDICATE USED STATE OF EACH CHANNEL

FIG. 17

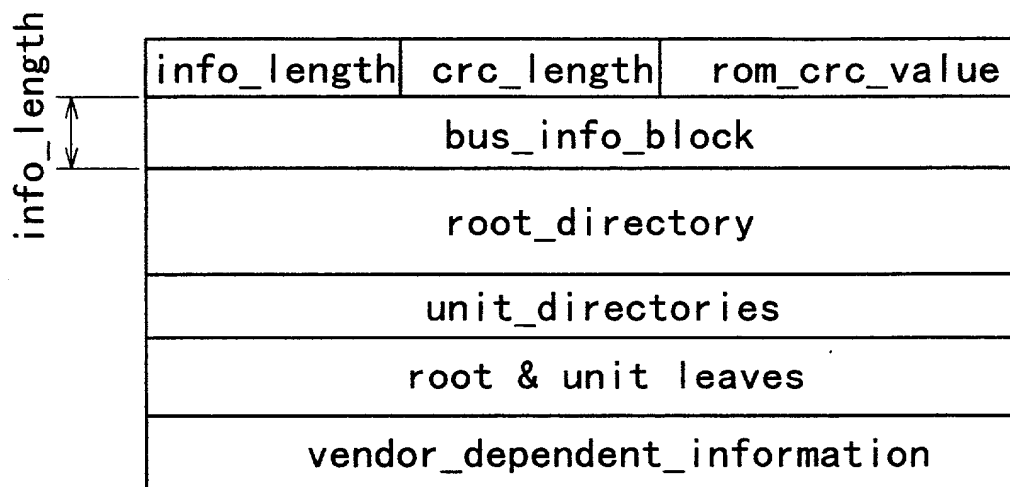


FIG. 19

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 18

400h	04h	crc_length	rom_crc_value
------	-----	------------	---------------

Bus_info_block

404h	"1394"		
408h	imc	smc	sgmc
408h	reserved	cyc_clk_acc	max_rec
40Ch	Company_ID		Chip_ID_hi
410h	Chip_ID_lo		

Root_directory

414h	root_length	CRC
418h	03h	module_vendor_id
41Ch	0Ch	node_capabilities
420h	8Dh	node_unique_id offset
424h	D1h	unit_directory_offset
428h	Optional.	

Unit_directory

	unit_directory_length	CRC
	12h	unit_spec_id
	13h	unit_sw_version
	Optional.	

FIG. 20A

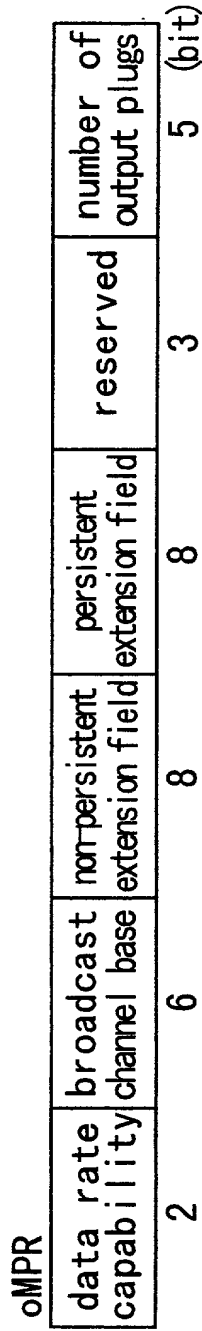


FIG. 20B

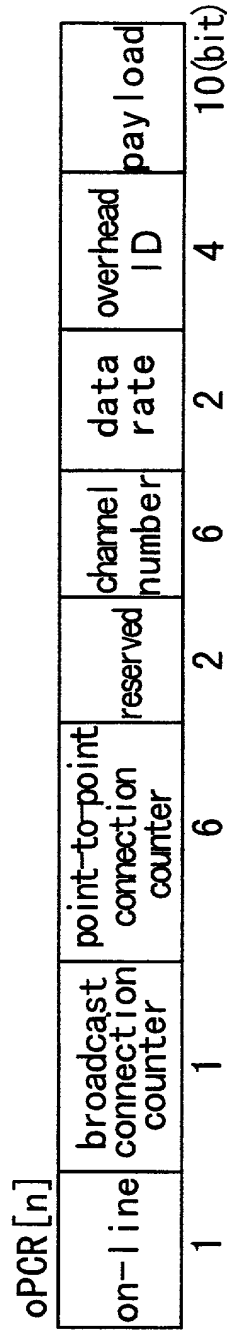


FIG. 20C

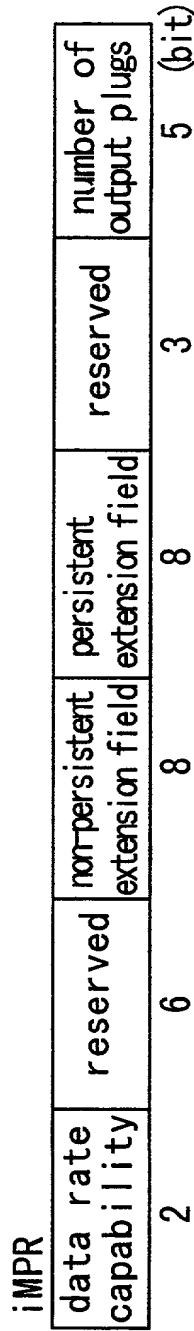


FIG. 20D

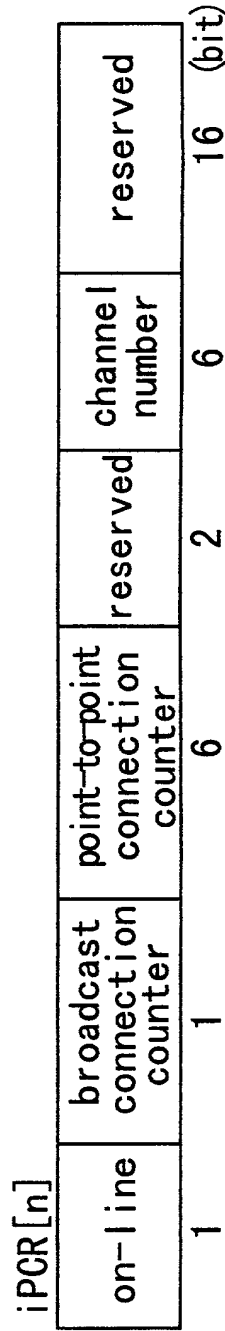


FIG. 21

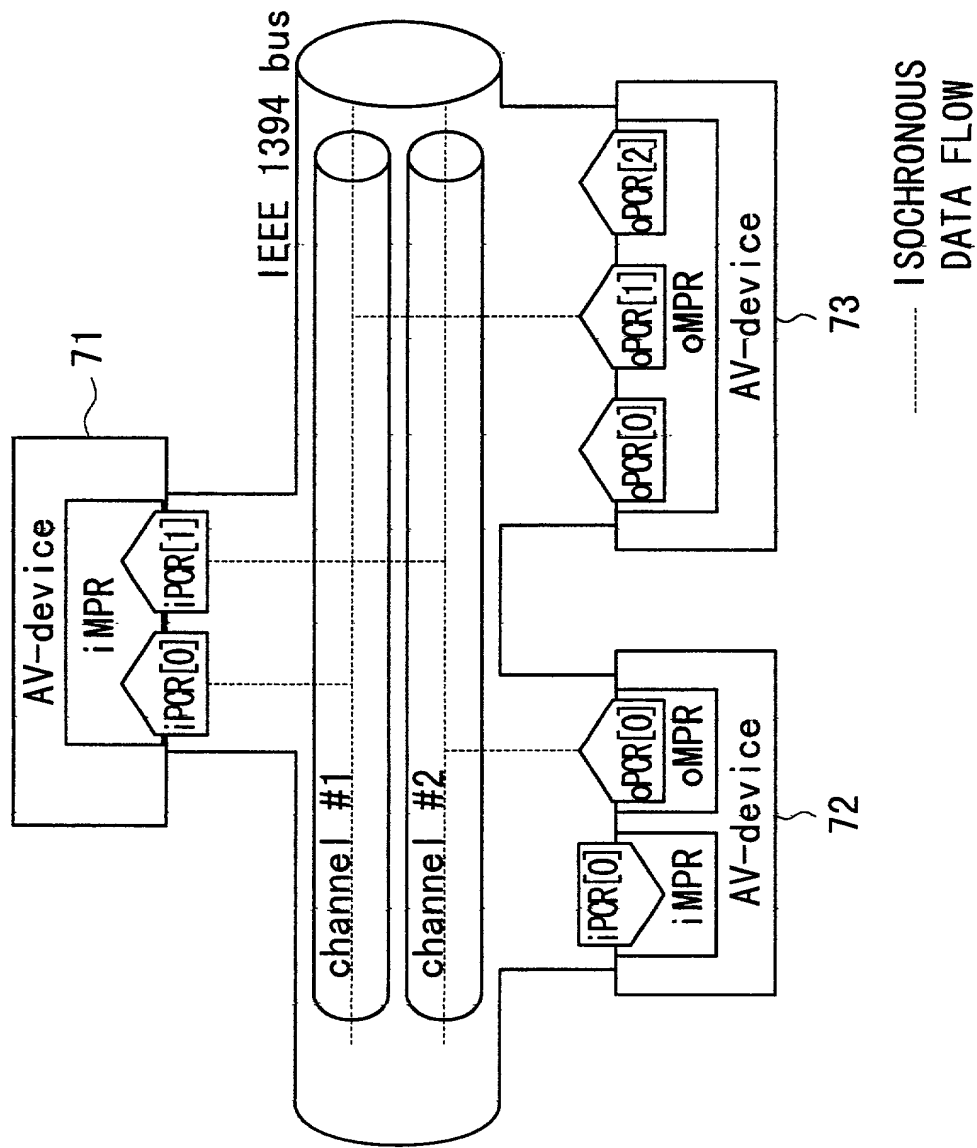


FIG. 22

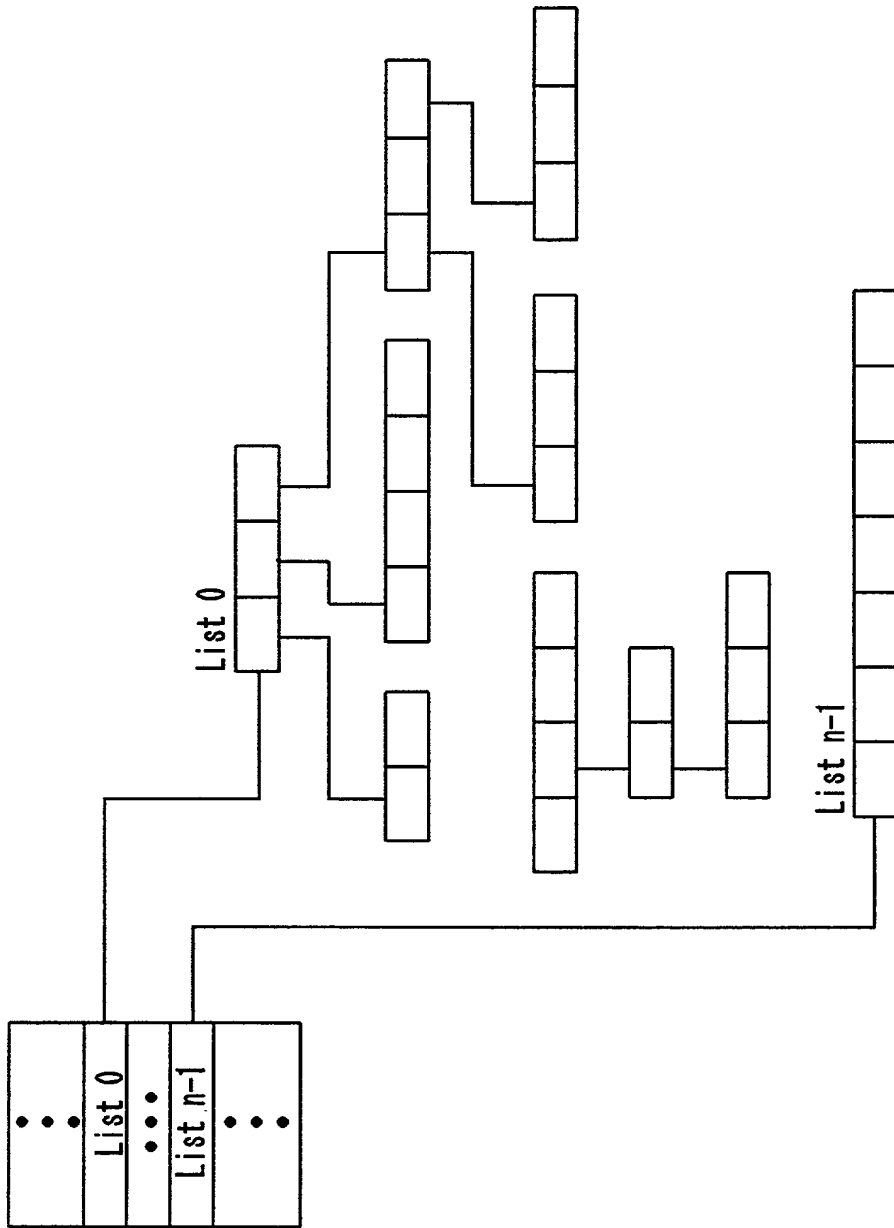


FIG. 23

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor_length
00 01 ₁₆	
00 02 ₁₆	generation_ID
00 03 ₁₆	size_of_list_ID
00 04 ₁₆	size_of_object_ID
00 05 ₁₆	size_of_object_position
00 06 ₁₆	number_of_root_object_lists(n)
00 07 ₁₆	
00 08 ₁₆	root_object_list_id_0
	root_object_list_id_n-1
	subunit_dependent_length
	subunit_dependent_information
	manufacturer_dependent_length
	manufacturer_dependent_information

FIG. 23 0540350

FIG. 24

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 25

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ –0FFF ₁₆	reserved
1000 ₁₆ –3FFF ₁₆	subunit-type dependent
4000 ₁₆ –FFFF ₁₆	reserved
1 0000 ₁₆ –max list ID value	subunit-type dependent

FIG. 26

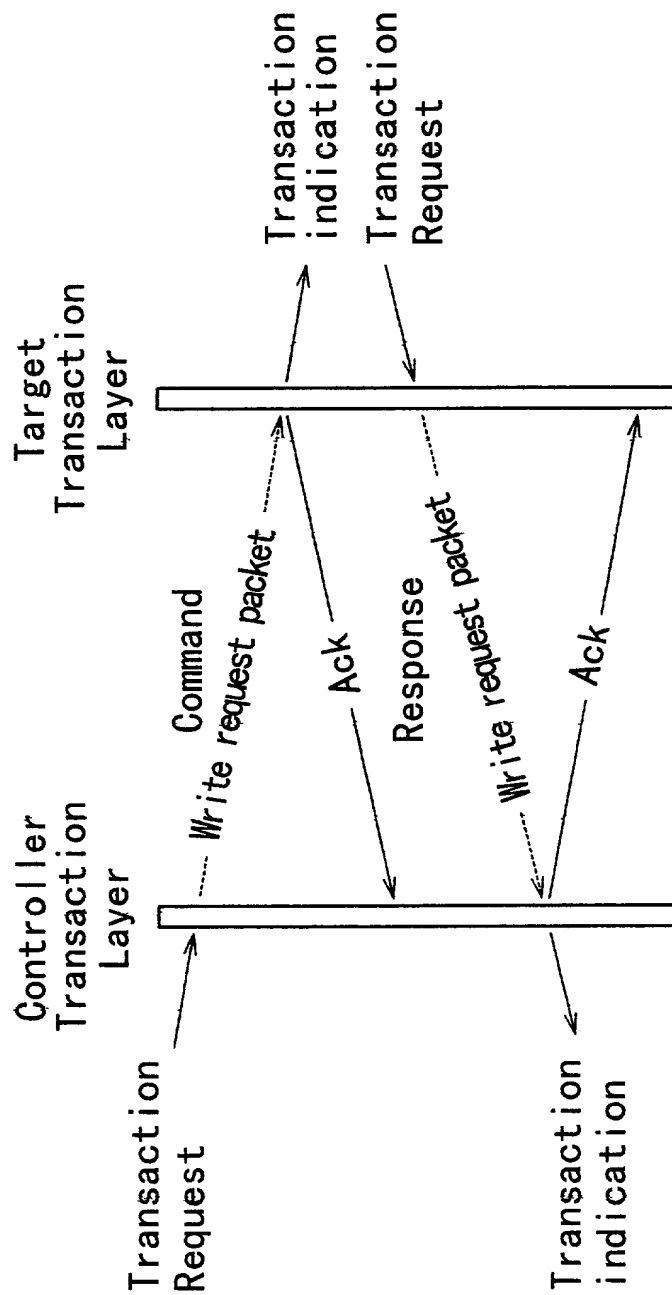


FIG. 27

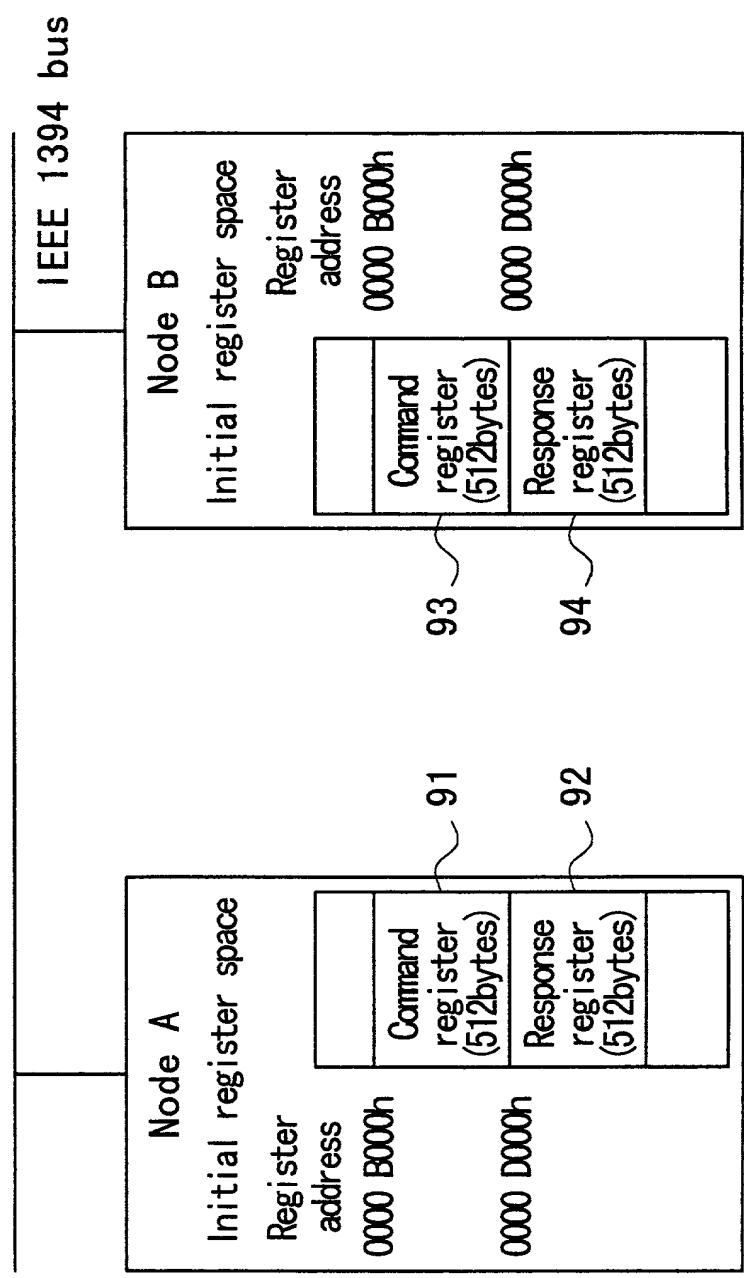
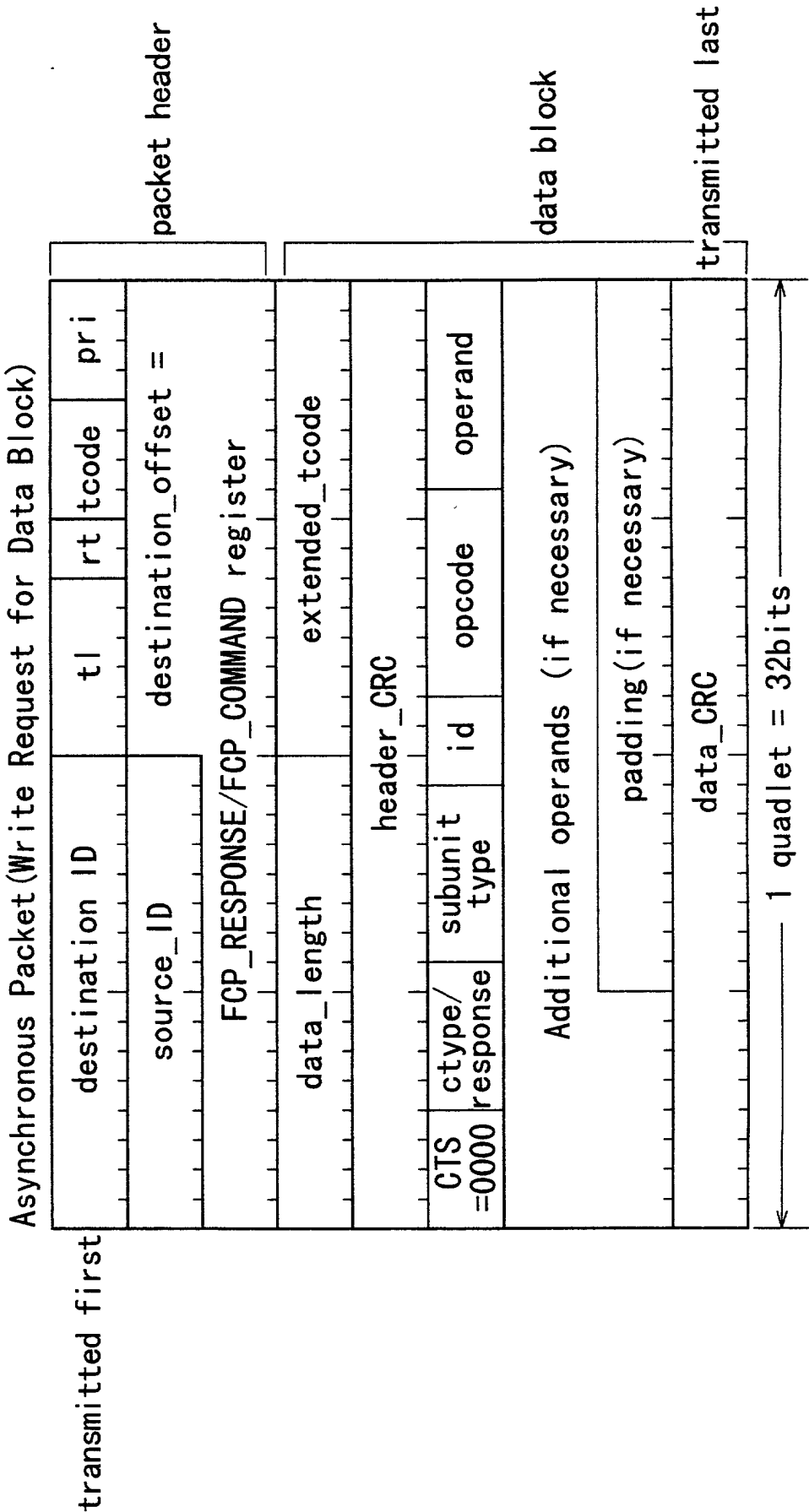


FIG. 28



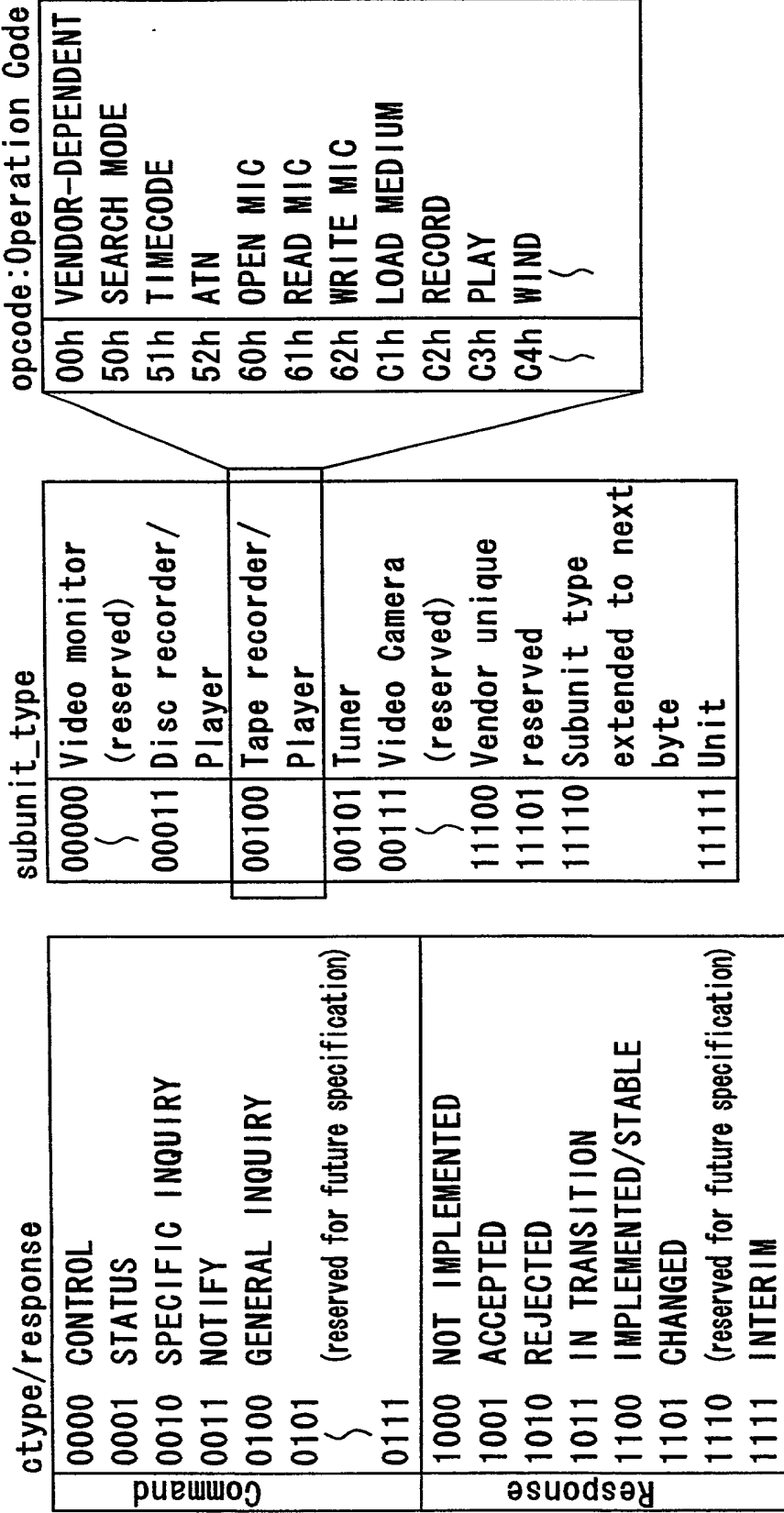


FIG. 29A

FIG. 29B

FIG. 29C

tape recorder IN THE CASE OF ID0				PLAY	FORWARD
AV/C control		subunit type=	id=	opcode=	operand=
CTS=	ctype=	00100	000	C3h	75h
0000	0000				

FIG. 30A

tape recorder IN THE CASE OF ID0				PLAY	FORWARD
AV/C accepted		subunit type=	id=	opcode=	operand=
CTS=	response	00100	000	C3h	75h
0000	=1001				

FIG. 30B

FIG. 31

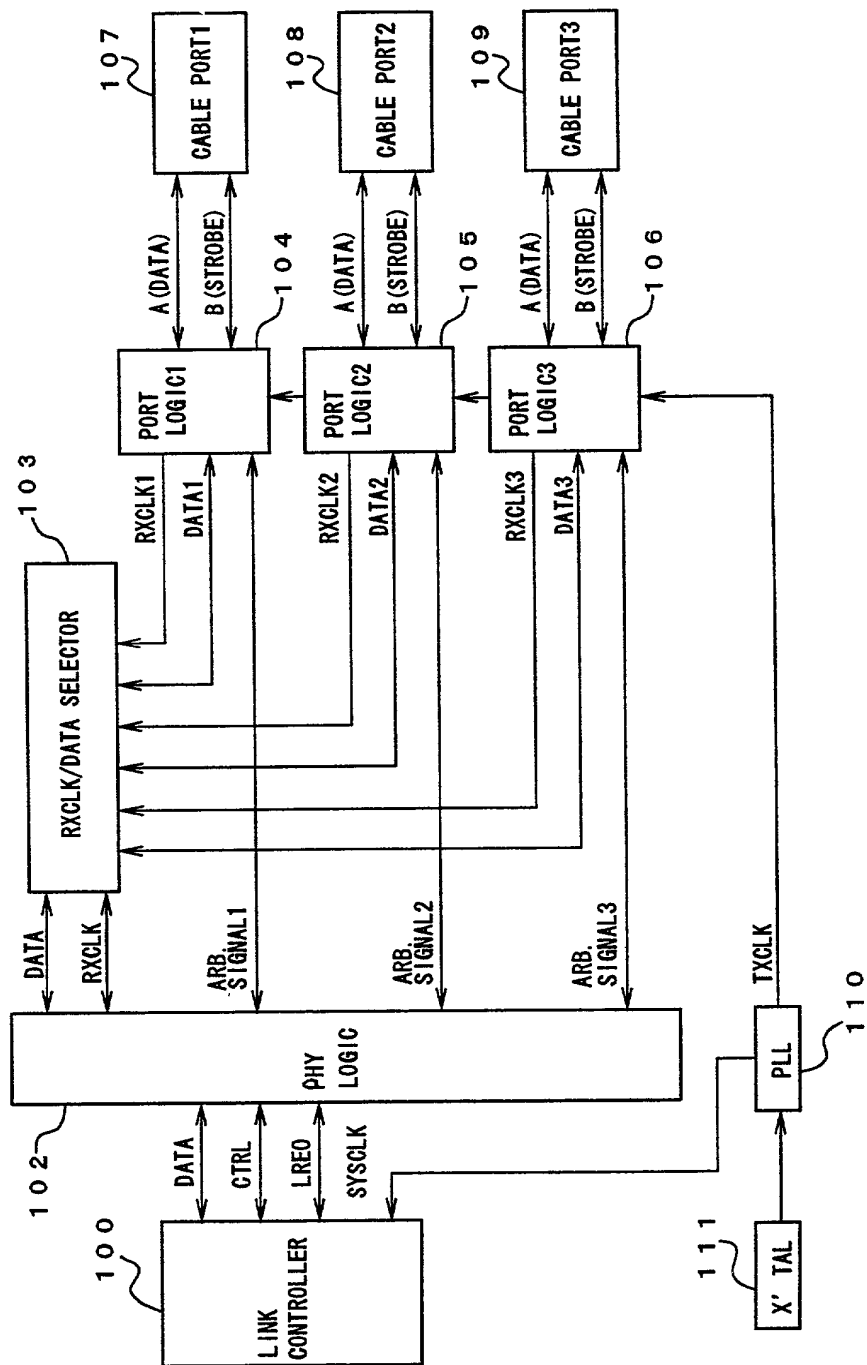


FIG. 33 A

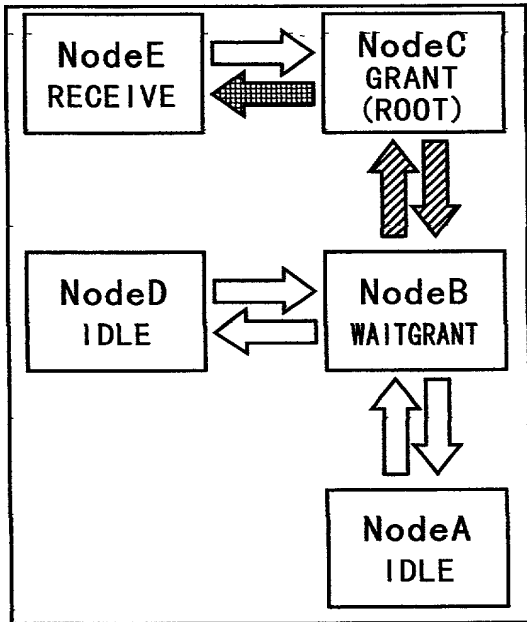


FIG. 33 B

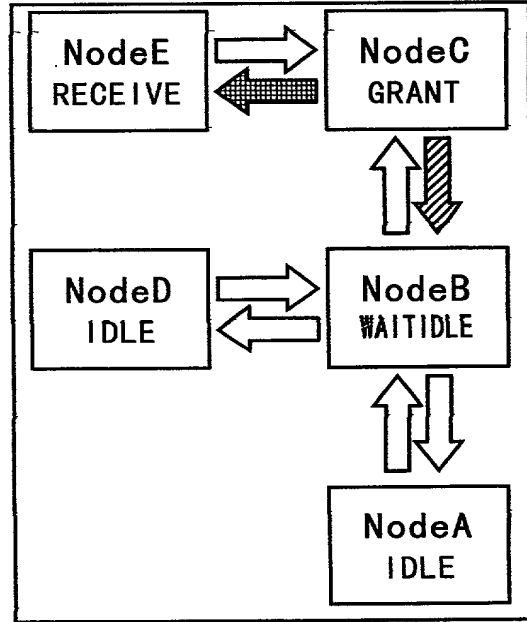


FIG. 33 C

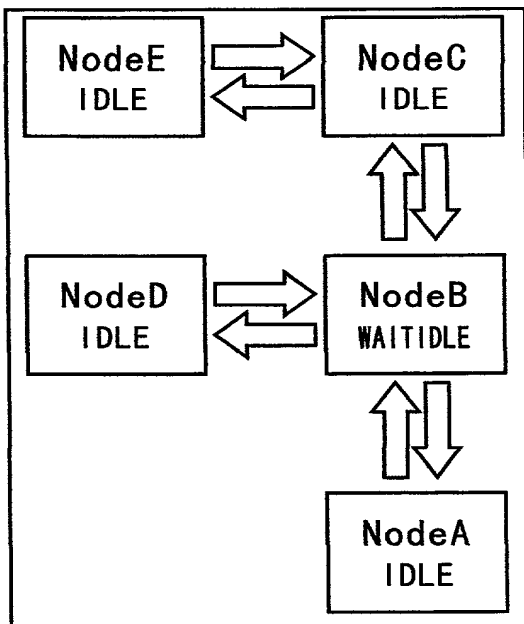


FIG. 33 D

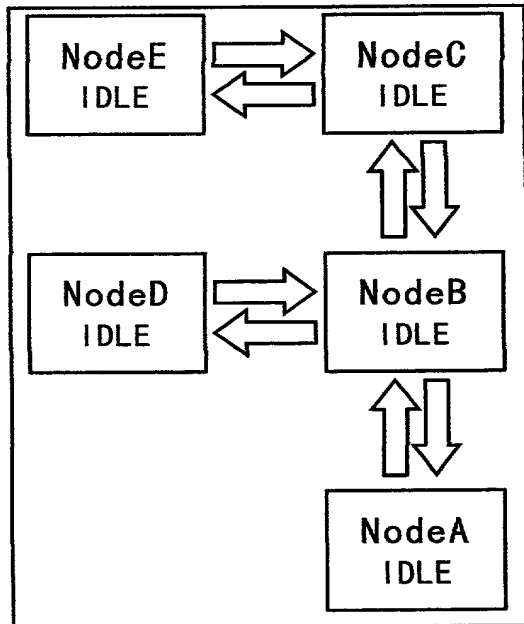


FIG. 34A

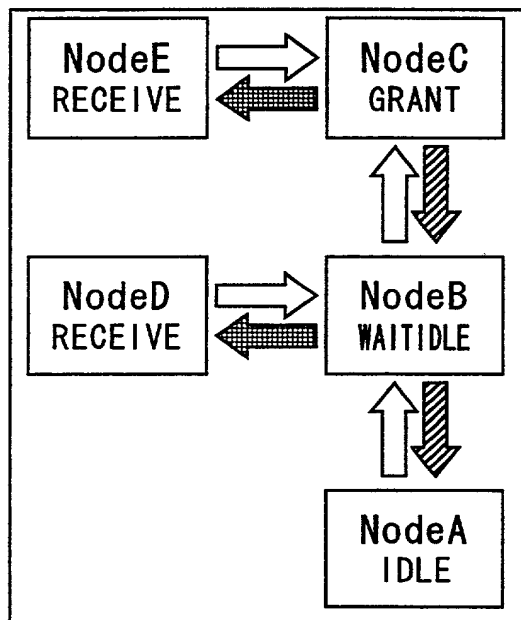


FIG. 34B

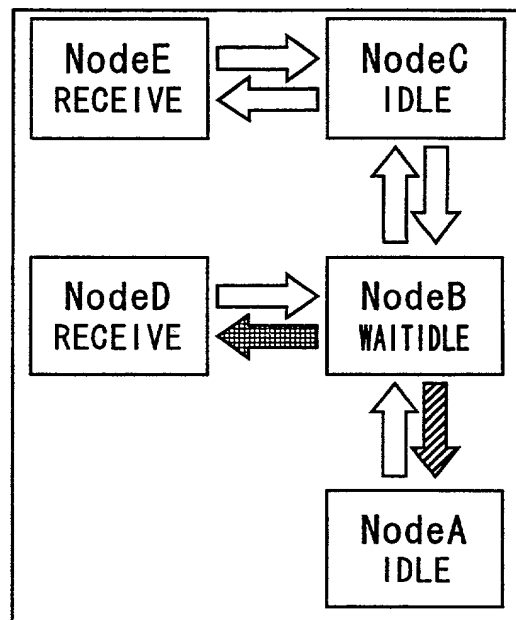


FIG. 34C

